

US Army Corps of Engineers

2014 Dredging Conference

23 October 2014

COL Richard P. Pannell
District Commander, Galveston District
U.S. Army Corps of Engineers



US Army Corps of Engineers
BUILDING STRONG®



USACE Vision

Engineering solutions for our Nation's toughest challenges.

USACE Mission

Deliver vital public and military engineering services; partnering in peace and war to strengthen our Nation's security, energize the economy and reduce risks from disasters.



History of USACE in Texas

“America’s history is, in large part, a story of infrastructure.”



Corps of Engineers
Established



1st Survey
of Galveston
Channel



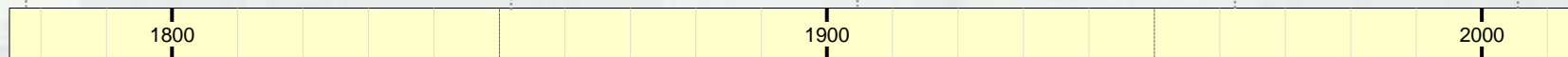
Galveston Seawall



Harlingen Channel



TX City Dike
during IKE

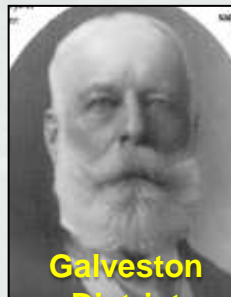


1845



Texas Statehood

1880



Galveston
District
Established

1905



Houston Ship Channel

1949



Gulf Intracoastal Waterway

GIWW to
Brownsville

2014



Port of Brownsville
Chiefs' Report



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Galveston District Responsibilities

- ✓ 50,000 square mile district boundary
- ✓ 1,000+ miles of channels (750 miles shallow draft, 270 miles of deep draft)
- ✓ 700 miles of coastline
- ✓ 311 full time employees
- ✓ 28 ports (15 deep draft, 13 shallow draft)
- ✓ 16 congressional districts
- ✓ 48 Texas counties /18 Coastal counties
- ✓ 9 watersheds
- ✓ 2 Louisiana parishes



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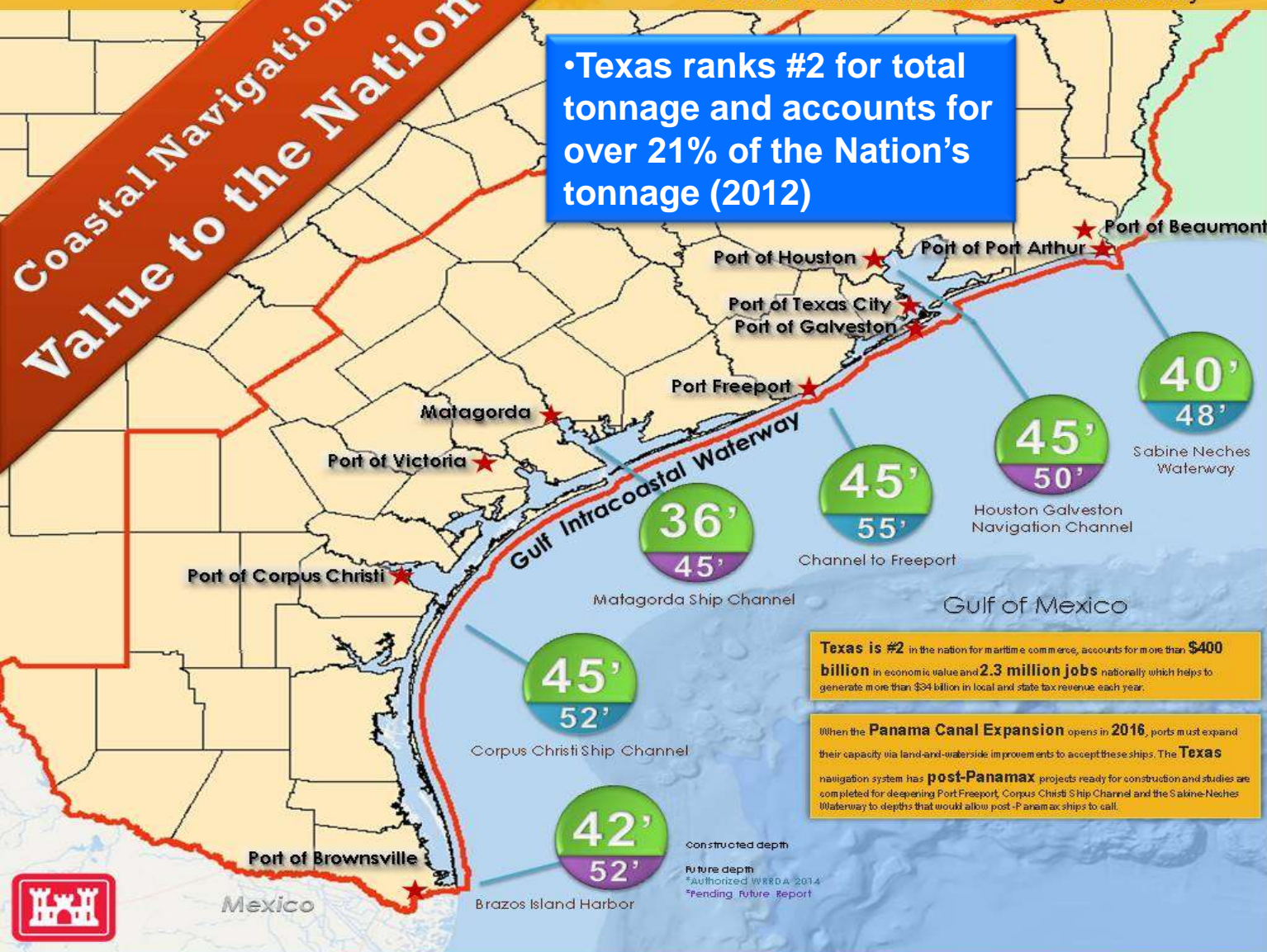


Navigation

USACE Southwestern Division Regional Priority

Coastal Navigation:
Value to the Nation

• Texas ranks #2 for total tonnage and accounts for over 21% of the Nation's tonnage (2012)



LEADING U.S. PORTS (2012 Tonnage)

Houston (#2 – 238.2 million tons)
#1 Importing Port & #2 Total Tonnage

Beaumont (#5 – 78.5 million tons)
#1 Military Outload Port in the World

Gulf Intracoastal Waterway (73 million tons – Texas portion)
#3 Inland Waterway

Corpus Christi (#7 – 69 million tons)
America's Energy Port

Texas City (#11 – 56.7 million tons)
Services Largest Petrochemical Complex

Port Arthur (#23 – 30.6 million tons)
Vital Strategic Port

Freeport (#31 – 22.1 million tons)
World Class LNG Facility

Galveston (#47 – 11.6 million tons)
#5 Cruise Ship Port

Matagorda to include Port of Port Lavaca and Port of Point Comfort (#48 – 11.6 million tons)
Generates Annual Business Revenues of Nearly \$2 Billion

Brownsville (#69 – 5.6 million tons)
#1 Ship Recycling Port

Victoria (#78 – 4.5 million tons)
#2 Shallow-Draft Port for Domestic Crude Petroleum

Texas is #2 in the nation for maritime commerce, accounts for more than \$400 billion in economic value and 2.3 million jobs nationally which helps to generate more than \$34 billion in local and state tax revenue each year.

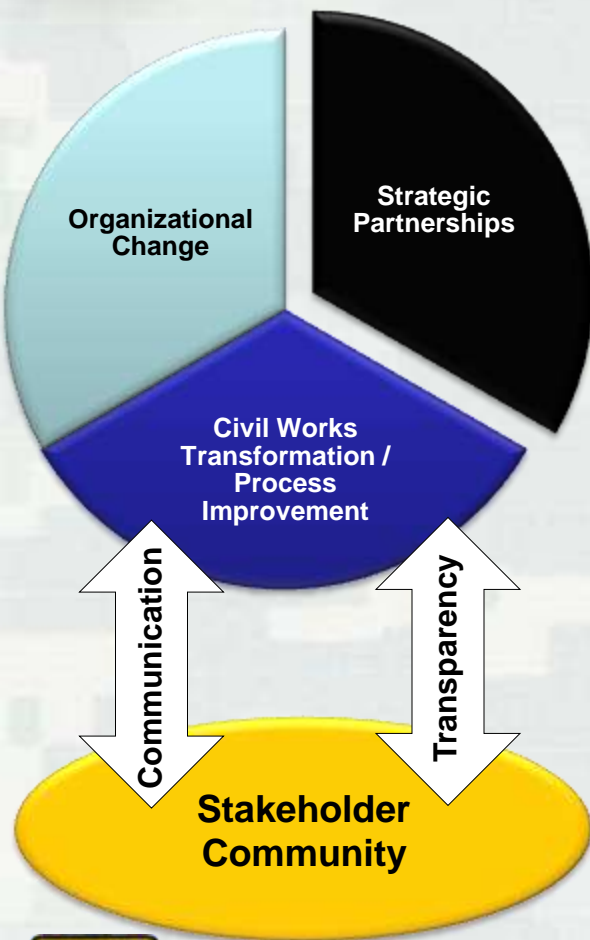
When the **Panama Canal Expansion** opens in 2016, ports must expand their capacity via land-and-water-side improvements to accept these ships. The **Texas** navigation system has **post-Panamax** projects ready for construction and studies are completed for deepening Port Freeport, Corpus Christi Ship Channel and the Sabine-Neches Waterway to depths that would allow post-Panamax ships to call.

Constructed depth
Future depth
*Authorized WRRDA 2014
*Pending Future Report



Texas Coast Strategy

Maximizing Capital



Lines of Effort



Future

The Texas Coast is protected & resilient, positioned for sustainable economic growth with strategic partnerships that support Non-Federal investment.



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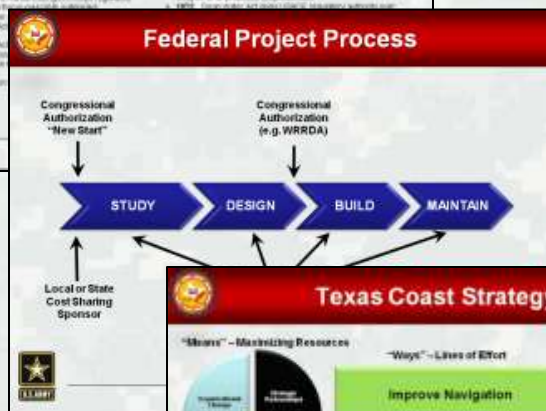
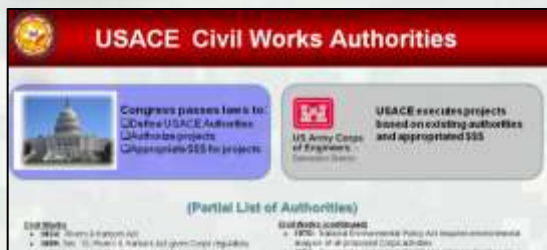


Collaboration with Partners/Clients/Stakeholders





Bringing Projects to Texas





Sustainment Activities

Maintenance Dredging Program (Texas):

Sustain Federal Projects

	2010	2011	2012	2013	2014	2015
President's Budget	\$106 M	\$100 M	\$98.9 M	\$107 M	\$122 M	\$119 M
Allocation	\$102 M	\$103 M	\$109 M	\$98.9 M	\$134 M	TBD



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ONLINE

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